



TROUGH DETAIL BETWEEN BEAMS AT ABUTMENT

Scale: 1 1/2" = 1'-0"

Notes:

1. All steel shall be galvanized ASTM A 709 Grade 36.
2. Trough shall conform to 911.11 or 911.12.
3. Trough cross slope shall be a minimum of 1" per foot for finger joints. All other joints shall follow the grade of the end diaphragms or 1/4" per foot slope whichever is greater.
4. All hardware shall be stainless steel Type 304.
5. Drilled holes for threaded rods shall be 1/2" larger.
6. Grout shall conform to 902.11 (c).
7. Fiberglass shall conform to 921.11.
8. Silicone sealer shall conform to 911.01.01.

APPROVAL	
<i>L.S. Friedman</i> DIRECTOR	OFFICE OF BRIDGE DEVELOPMENT
DATE: 11/14/95	
REVISIONS	
SHA	FHWA
1-23-97	
9-15-98	
1-22-01	
7-14-08	

FHWA APPROVAL
DATE:

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

DRAINAGE TROUGH DETAIL AT ABUTMENT
FOR EXISTING STRUCTURE

STANDARD NO. BR-SR(0.06)-95-309

SHEET 1 OF 7

STRUCTURAL REPAIRS